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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	101531.712
				Filing Date	<u>Herewith - 4/18/05</u>
				First Named Inventor	ARAKAWA
				Group Art Unit	2831
				Examiner Name	MAYD
Sheet	1	of	1	Attorney Docket Number	05258/LH

U.S. PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No ¹	Office ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
WAKI		JP	6-215638	A	HATA	08-05-1994	—	X*
		JP	2000-082343	A	ASANO ET AL	03-21-2000	—	X*
		JP	11-113702	A	ARAKAWA	04-27-1999	—	X*
		JP	61-112511	A		05-30-1986	—	
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*includes English abstract.

Examiner Signature		Date Considered	3/15/07
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EXAMINER: Initial if reference considered. Underline or circle citation if in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

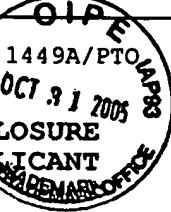
¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: April 18, 2005

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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO 		Application Number		10/531,712	
		Filing Date		April 18, 2005	
		First Named Inventor		Hideo ARAKAWA	
		Group Art Unit		2041 2831	
		Examiner Name		MAYO	
Sheet	1	of	2	Attorney Docket Number	05258/LH

U.S. PATENT DOCUMENTS

Exam. Init's	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam. Init's	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
WILLIAMS		JP	61-112511	A	MEITOU DENKI KOJI KK	05-30-1986	—	
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Examiner Signature		Date Considered	3/15/07
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¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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OCT 9 2005

Substitute for Form 1449A PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/531,712
		Filing Date	April 18, 2005
		First Named Inventor	Hideo ARAKAWA
		Group Art Unit	2841 2831
		Examiner Name	MARCH 15, 2007
Sheet	2	of	2
		Attorney Docket Number	05258/LH

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>AKM/HIT</i>		Microfilm of the specification and drawings attached to the Japanese Utility Model Application No. 151778/1986 (Laid-Open No. 66553/1987) (Tejiro MATSUDA); 24 April 1987.	
<i>WJM/HIT</i>		Microfilm of the specification and drawings attached to the Japanese Utility Model Application No. 141696/1987 (Laid-Open No. 47256/1989) (ARAKAWA GIKEN KOGYO KABUSHIKI KAISHA); 23 March 1989.	

Examiner Signature

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